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TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

DATE: 12/27/2002

PATENT APPLICATION: US/09/821,832B

TIME: 13:47:23

Input Set : A:\0399.2008-002 2nd SUBSEQLIST.TXT

Output Set: N:\CRF4\12272002\I821832B.raw

4 <110> APPLICANT: Tuschl, Thomas
 5 Zamore, Phillip D.
 6 Sharp, Phillip A.
 7 Bartel, David P.
 9 <120> TITLE OF INVENTION: RNA Sequence-Specific Mediators of RNA
 10 Interference
 12 <130> FILE REFERENCE: 0399..2008-002
 14 <140> CURRENT APPLICATION NUMBER: US 09/821,832B
 15 <141> CURRENT FILING DATE: 2001-03-30
 17 <150> PRIOR APPLICATION NUMBER: US 60/265,232
 18 <151> PRIOR FILING DATE: 2001-01-31
 20 <150> PRIOR APPLICATION NUMBER: US 60/193,594
 21 <151> PRIOR FILING DATE: 2000-03-30
 23 <150> PRIOR APPLICATION NUMBER: EPO 00 126 325.0
 24 <151> PRIOR FILING DATE: 2000-12-01
 26 <160> NUMBER OF SEQ ID NOS: 19
 28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 31 <211> LENGTH: 267
 32 <212> TYPE: DNA
 33 <213> ORGANISM: Artificial Sequence
 35 <220> FEATURE:
 36 <223> OTHER INFORMATION: First 267 nt of Rr-luc
 38 <400> SEQUENCE: 1
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 40 acggaugaua acugguccgc aguggugggc cagauguaaa caaaugaauu uucuugauuc 120
 41 auuuauuaau uauuaugauu cagaaaaaca ugcagaaaau gcuguuauuu uuuuacaugg 180
 42 uaacgcggcc ucuucuauu uauugcgaca uguugugcca cauauugagc caguagcgcg 240
 43 guguauuaua ccagaccuaa uugguau 267
 45 <210> SEQ ID NO: 2
 46 <211> LENGTH: 40
 47 <212> TYPE: DNA
 48 <213> ORGANISM: Artificial Sequence
 50 <220> FEATURE:
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 53 <400> SEQUENCE: 2
 54 gcgtaatacg actcactata gaacaaagga aacggatgat 40
 56 <210> SEQ ID NO: 3
 57 <211> LENGTH: 20
 58 <212> TYPE: DNA
 59 <213> ORGANISM: Artificial Sequence
 61 <220> FEATURE:
 62 <223> OTHER INFORMATION: 3' sense RNA primer for dsRNA 'C'

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64 <400> SEQUENCE: 3
65 gaagaagtta ttctccaaaa                                20
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69 <212> TYPE: DNA
70 <213> ORGANISM: Artificial Sequence
72 <220> FEATURE:
73 <223> OTHER INFORMATION: 5' asRNA primer for dsRNA 'C'
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76 gcgtaatacg actcactata gaagaagtta ttctccaaaa          40
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 20
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: 3' asRNA primer for dsRNA 'C'
86 <400> SEQUENCE: 5
87 gaacaaagga aacggatgat                                20
89 <210> SEQ ID NO: 6
90 <211> LENGTH: 40
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: 5' sense RNA primer for dsRNA 'A'
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98 gcgtaatacg actcactata gtagcgcggt gtattatacc          40
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 20
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial Sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: 3' sense RNA primer for dsRNA 'A'
108 <400> SEQUENCE: 7
109 gtacaacgtc aggtttacca                                20
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 40
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
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119 <400> SEQUENCE: 8
120 gcgtaatacg actcactata gtacaacgtc aggtttacca          40
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 20
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence
127 <220> FEATURE:
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131 gtagcgcggt gtattatacc 20
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139 <223> OTHER INFORMATION: Sense sequence of siRNA targeting GL2
141 <400> SEQUENCE: 10
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145 <211> LENGTH: 21
146 <212> TYPE: DNA
147 <213> ORGANISM: Artificial Sequence
149 <220> FEATURE:
150 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting GL2
152 <400> SEQUENCE: 11
153 ttgcaugcgc cuaugaagc u 21
155 <210> SEQ ID NO: 12
156 <211> LENGTH: 21
157 <212> TYPE: DNA
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Sense sequence of siRNA targeting GL3
163 <400> SEQUENCE: 12
164 cuuacgcuga guacuucgat t 21
166 <210> SEQ ID NO: 13
167 <211> LENGTH: 21
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
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172 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting GL3
174 <400> SEQUENCE: 13
175 ttgaaugcga cuaugaagc u 21
177 <210> SEQ ID NO: 14
178 <211> LENGTH: 21
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Sense sequence of siRNA targeting RL
185 <400> SEQUENCE: 14
186 aaacaugcag aaaaugcugt t 21
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 21
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting RL
196 <400> SEQUENCE: 15
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Input Set : A:\0399.2008-002 2nd SUBSEQLIST.TXT

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202 <213> ORGANISM: Artificial Sequence
204 <220> FEATURE:
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207 <400> SEQUENCE: 16
208 agcuucauaa ggcgcaugct t 21
210 <210> SEQ ID NO: 17
211 <211> LENGTH: 21
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting invGL2
218 <400> SEQUENCE: 17
219 ttucgaagua uuccgcguac g 21
221 <210> SEQ ID NO: 18
222 <211> LENGTH: 21
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Sense sequence of siRNA targeting uGL2
229 <400> SEQUENCE: 18
230 cguacgcgga auacuucgau u 21
232 <210> SEQ ID NO: 19
233 <211> LENGTH: 21
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <223> OTHER INFORMATION: Antisense sequence of siRNA targeting uGL2
240 <400> SEQUENCE: 19
241 uugcaugcgc cuuauagaagc u 21

VERIFICATION SUMMARY

DATE: 12/27/2002

PATENT APPLICATION: US/09/821,832B

TIME: 13:47:24

Input Set : A:\0399.2008-002 2nd SUBSEQLIST.TXT

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